U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1984

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	6	583	-	-	3	333
3035	-	-	-	-	-	-	-	-	-	-	-	-	1	158
3045	-	-	-	-	-	-	-	-	1	19	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	1	72	1	91
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	1	520	-	-	1	67
3211	-	-	-	-	-	-	-	-	-	-	-	-	2	532
3212	-	-	-	-	-	-	-	-	13	938	-	-	2	916
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	1	139	-	-
3219	-	-	-	-	-	-	-	-	1	283	-	-	4	173
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	-	-	-	-	1	84
3228	-	-	-	-	-	-	-	-	-	-	-	-	2	151
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	8	67	-	-	-	-	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	2	38
3242	-	-	3	18	1	25	-	-	-	-	-	-	1	455
3264	-	-	-	-	6	123	2	35	1	45	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	59	274	-	-	-	-	12	575	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	1	61
3269	-	-	-	-	1	10	4	29	28	975	-	-	3	263
3276	-	-	-	-	-	-	-	-	-	-	-	-	1	352
3277	-	-	-	-	-	-	-	-	-	-	-	-	1	265
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	2	11	1	11
3507	-	-	-	-	1	55	-	-	1	84	-	-	1	364
3509	-	-	-	-	-	-	-	-	-	-	-	-	4	366
3511	-	-	-	-	-	-	-	-	2	322	-	-	5	658
3512	-	-	-	-	1	31	-	-	-	-	64	335	2	68
3513	-	-	-	-	-	-	-	-	-	-	-	-	2	21
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	5	190	6	120	1	15
3516	-	-	-	-	-	-	-	-	1	65	-	-	-	-
3518	-	-	-	-	-	-	-	-	18	218	5	274	1	51
3521	-	-	-	-	-	-	1	95	4	486	1	119	6	342
3522	-	-	-	-	3	110	1	31	5	69	18	189	2	228
3527	-	-	-	-	-	-	-	-	-	-	-	-	106	1708
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	20	378	34	503	33	547
3533	-	-	-	-	-	-	-	-	-	-	10	753	2	84
3539	-	-	-	-	-	-	-	-	3	408	-	-	3	437
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	4	68	-	-	8	574	9	644	19	597
3546	-	-	-	-	-	-	-	-	2	372	-	-	3	300
3554	-	-	-	-	-	-	-	-	2	68	3	10	2	235
3556	-	-	-	-	1	36	-	-	-	-	-	-	1	11
3558	-	-	-	-	-	-	-	-	-	-	-	-	3	139
3559	-	-	-	-	-	-	4	80	11	188	4	64	12	554
3562	-	-	-	-	-	-	-	-	35	2415	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	2	1559
3567	-	-	-	-	-	-	-	-	-	-	1	32	2	71
3571	-	-	-	-	-	-	-	-	-	-	17	426	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	-	-	1	4	3	83	59	480
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	11	62	1	3	21	783	3	176	11	1422
4000	-	-	6	35	4	17	4	26	11	256	645	980	42	363
5000	-	-	33	48	38	82	4762	115	428	308	275	172	2436	759
CUT MO.	-	-	42	101	138	959	4779	413	629	10550	1114	5676	2787	15328
CUT YTD	76	428	154	398	1971	9426	6192	7236	4174	43665	7127	39663	9438	82710
1010	-	-	-	-	-	-	-	-	1	1	1	35	2	326
3582	-	-	-	-	-	-	4	53	-	-	11	186	18	90
3583	-	-	-	-	15	24	38	11	23	33	180	124	427	100
3584	-	-	-	-	-	-	-	-	7	493	-	-	4	3941
3586	-	-	1	10	3	44	-	-	1	13	2	34	1	31
3587	-	-	-	-	-	-	5	52	1	6	1	5	23	502
3588	-	-	-	-	-	-	3	89	1	165	1	22	17	343
3589	-	-	3	24	-	-	1	50	-	-	3	80	-	-
3591	-	-	-	-	-	-	9	132	-	-	-	-	-	-
3592	-	-	-	-	-	-	45	253	6	45	10	85	26	775
3593	-	-	-	-	-	-	-	-	-	-	-	-	1	36
3594	-	-	-	-	4	68	2	37	-	-	2	150	3	198
3595	-	-	-	-	-	-	-	-	-	-	1	9	-	-
3596	-	-	-	-	-	-	-	-	-	-	8	177	7	538
3597	-	-	-	-	1	132	-	-	-	-	-	-	2	324
3598	-	-	-	-	-	-	-	-	-	-	-	-	2	187
3599	-	-	-	-	1	46	11	48	4	160	9	68	39	945
FRM MO.	-	-	4	35	24	312	118	725	44	916	229	974	572	8335
FRM YTD	-	-	45	461	207	1305	2427	5622	1312	7464	1488	10038	6132	41420
TOT MO.	-	-	46	136	162	1271	4897	1138	673	11466	1343	6650	3359	23663
TOT YTD	76	428	199	859	2178	10730	8619	12858	5486	51129	8615	49701	15570	124130

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1984

	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	15	210	-	-	-	-	1	24
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	220	16118	9	393	-	-	1	61
3206	-	-	-	-	-	-	8	1022	2	114	-	-	2	126
3209	-	-	-	-	-	-	72	8019	-	-	-	-	1	67
3211	-	-	-	-	-	-	20	2172	2	87	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	10	585	1	34	-	-	-	-
3219	-	-	-	-	-	-	1	1900	-	-	-	-	-	-
3222	-	-	-	-	-	-	1	91	-	-	-	-	-	-
3223	-	-	-	-	-	-	10	305	14	46	-	-	16	79
3228	-	-	-	-	-	-	12	796	-	-	-	-	3	149
3229	-	-	-	-	-	-	-	-	-	-	-	-	2	7
3234	-	-	-	-	-	-	10	125	23	112	-	-	-	-
3236	-	-	-	-	-	-	-	-	7	35	-	-	-	-
3242	-	-	1	4	-	-	4	227	1	5	-	-	4	108
3264	-	-	-	-	-	-	14	529	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	17	175	-	-	25	408	95	366	-	-	-	-
3268	-	-	-	-	-	-	14	1240	28	93	-	-	-	-
3269	-	-	1	14	-	-	1	15	125	428	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	1	22	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	1	96	-	-	-	-	-	-
3283	-	-	2	618	-	-	1	72	-	-	-	-	-	-
3507	-	-	-	-	-	-	178	9248	3	120	-	-	1	29
3509	-	-	-	-	-	-	63	5136	-	-	-	-	-	-
3511	-	-	-	-	-	-	1	147	-	-	-	-	-	-
3512	-	-	7	261	-	-	10	431	177	869	-	-	120	1018
3513	-	-	-	-	-	-	2	124	7	239	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	11	436	-	-	-	-	-	-
3518	-	-	-	-	-	-	2	128	3	12	-	-	-	-
3521	-	-	1	87	-	-	29	1735	2	70	-	-	-	-
3522	84	802	1	4	-	-	9	443	65	287	1	3	9	71
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	1	8	-	-	5	75	31	163	-	-	31	138
3533	-	-	-	-	-	-	1	30	1	4	-	-	-	-
3539	-	-	-	-	-	-	4	192	-	-	-	-	-	-
3541	-	-	-	-	-	-	96	594	13	54	-	-	-	-
3543	-	-	8	39	-	-	65	1233	16	101	-	-	21	360
3546	-	-	-	-	-	-	5	1413	-	-	-	-	-	-
3554	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3556	-	-	-	-	-	-	2	107	-	-	-	-	-	-
3558	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	27	409	26	125	-	-	1	5
3562	-	-	-	-	-	-	50	2640	-	-	-	-	-	-
3564	-	-	-	-	-	-	20	1007	1	9	-	-	-	-
3567	-	-	-	-	-	-	2	222	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	1	122	-	-
3577	-	-	16	113	-	-	34	540	11	51	-	-	11	331
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	7	76	-	-	9	286	2	12	-	-	-	-
4000	-	-	13	34	1	12	15	278	320	641	-	-	30	558
5000	540	16	143	153	66	9	15097	1793	71954	4475	25	26	1958	34
CUT MO.	624	818	219	1610	67	21	16176	62573	72939	8944	27	150	2212	3167
CUT YTD	1332	5015	3652	12247	86	92	108271	368780	766885	67863	88	271	18570	19654
1010	-	-	8	258	-	-	2	136	-	-	-	-	-	-
3582	-	-	4	11	-	-	12	155	-	-	-	-	1	5
3583	-	-	21	23	3	1	2668	128	1452	194	-	-	35	67
3584	-	-	-	-	-	-	25	2302	-	-	-	-	-	-
3586	-	-	1	4	-	-	14	261	-	-	-	-	6	87
3587	-	-	5	34	-	-	7	214	-	-	-	-	1	12
3588	-	-	-	-	-	-	7	107	-	-	-	-	-	-
3589	-	-	1	73	-	-	69	2992	-	-	-	-	4	79
3591	-	-	1	13	-	-	1	24	-	-	-	-	2	97
3592	-	-	15	385	-	-	6	91	1	6	-	-	-	-
3593	-	-	-	-	-	-	1	22	-	-	-	-	-	-
3594	-	-	7	534	-	-	22	1145	-	-	-	-	-	-
3595	-	-	2	124	-	-	1	3	-	-	-	-	3	33
3596	-	-	1	60	-	-	16	7467	-	-	-	-	-	-
3597	-	-	-	-	-	-	13	501	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	12	360	-	-	42	1085	1	4	-	-	4	14
FRM MO.	-	-	78	1879	3	1	2906	16633	1454	204	-	-	56	393
FRM YTD	-	-	1111	14343	4	2	11171	89247	7941	1135	287	88	6159	2874
TOT MO.	624	818	297	3489	70	22	19082	79206	74393	9148	27	150	2268	3560
TOT YTD	1332	5015	4763	26590	90	94	119442	458026	774826	68998	375	360	24729	22528

AUGUST 1984 - U.S. IMPORTS OF MACHINE TOOLS

Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING		METAL FORMING		TOTAL	
EUROPE	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
FINLAND	-	-	2	97	2	97
GREECE	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	-	-	-	-	-	-
IRELAND	5	450	-	-	5	450
ROMANIA	1	30	-	-	1	30
USSR	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	6	480	2	97	8	577
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	1938	34	35	71	1973	105
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	1938	34	35	71	1973	105
OTHER S. AMER						
ARGENTINA	-	-	1	1	1	1
BOLIVIA	-	-	-	-	-	-
BRAZIL	75	382	1	17	76	399
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	75	382	2	18	77	399
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	6	15	-	-	6	15
GAZA STRIP	-	-	-	-	-	-
HONG KONG	1	6	-	-	1	6
INDONESIA	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	15	547	8	124	23	671
JORDAN	-	-	-	-	-	-
KOREAN REP.	72	572	-	-	72	572
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	3	8	3	8
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
SINGAPORE	99	1132	5	70	104	1202
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	193	2272	16	202	209	2473

	METAL CUTTING		METAL FORMING		TOTAL	
OTHER OCEANIA	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	1	6	1	6
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	1	6	1	6
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

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REPORT
December 5, 1984

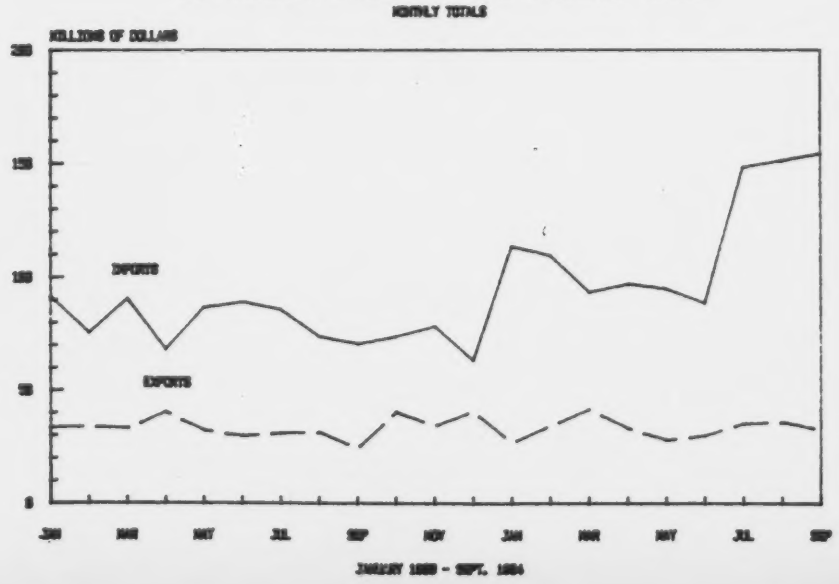
U.S. FOREIGN TRADE IN MACHINE TOOLS
THIRD QUARTER 1984

During the third quarter of 1984 U.S. foreign trade in machine tools produced a trade deficit of $349.9 million, almost double the $188.9 million deficit of the second quarter of 1984. U.S. imports of $454.0 million were 62% above the second quarter total while U.S. exports increased 14% to $104.1 million during the third quarter. Compared to the first nine months of 1983, U.S. machine tool exports rose 3% as imports increased 44%. The resulting year-to-date trade deficit of $751.8 million is 71% higher than the comparable 1983 deficit of $440.8 million.

U.S. Machine Tool Trade
($Millions)

3rd Qtr. 1984	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 61.5	$ 341.6	($280.1)
Metal Forming	$ 42.6	$ 112.4	($ 69.8)
Total	$104.1	$ 454.0	($349.9)
9 Mos. 1984			
Metal Cutting	$178.9	$ 821.3	($642.4)
Metal Forming	$119.9	$ 229.3	($109.4)
Total	$298.8	$1,050.6	($751.8)

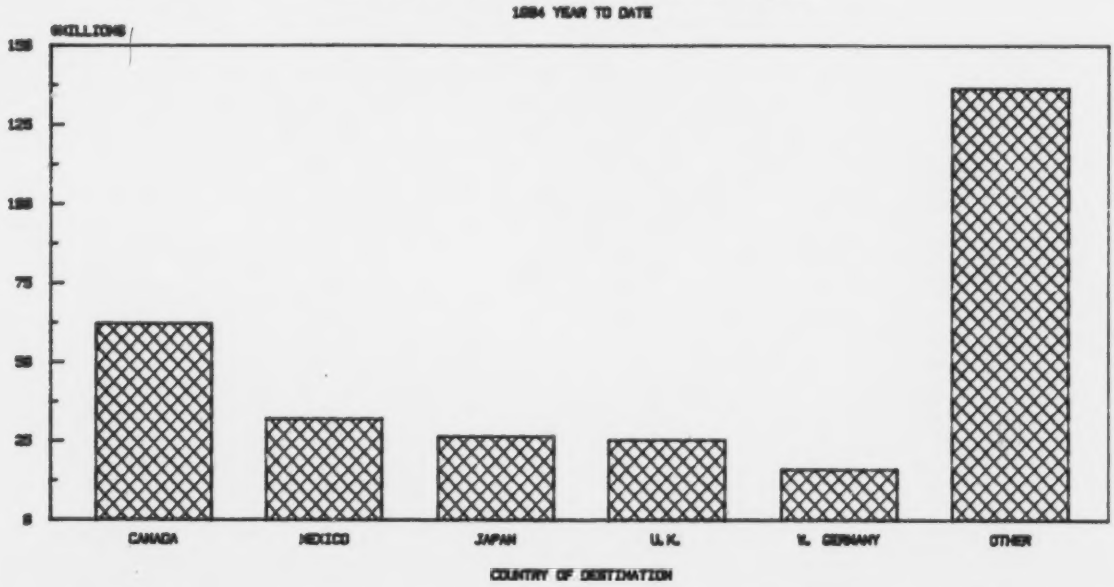
US FOREIGN TRADE -- TOTAL MACHINE TOOLS



national machine tool builders association

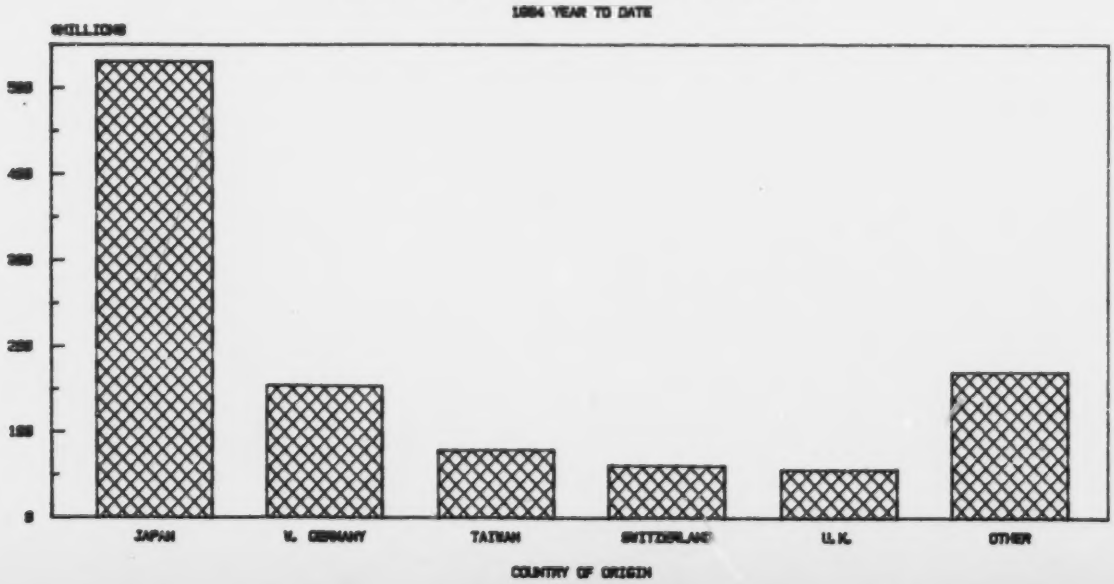
U.S. EXPORTS of metal cutting machine tools rose 19% during the third quarter of 1984 and metal forming exports increased 7% from second quarter levels. Compared to the first nine months of 1983, exports of metal cutting machinery fell 3% while metal forming type exports gained 14%. For January through September 1984, the leading export markets were (in millions): Canada ($62.2), Mexico ($32.1), Japan ($26.3), the United Kingdom ($25.6) and West Germany ($16.2).

U.S. EXPORTS OF MACHINE TOOLS



Compared to the second quarter of 1984, U.S. IMPORTS of metal cutting machine tools increased by 50% and metal forming imports more than doubled. The year-to-date import total for metal cutting machines rose 50% above the first nine months of 1983 while metal forming imports increased 24%. The leading sources of machine tool imports to the U.S. during the first nine months of 1984 were (in millions): Japan ($530.6), West Germany ($154.2), Taiwan ($78.3), Switzerland ($60.4) and the United Kingdom ($57.6).

U.S. IMPORTS OF MACHINE TOOLS



RELEASED: December 5, 1984

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1984

		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
674:	METAL CUTTING	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	Gear Hobbers	87	6548	7	433	-	-	-	-
3035	Gear Shapers	15	2061	3	308	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	8	841	1	11	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	1484	106150	201	13954	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	73	8435	17	1177	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	484	55007	45	5488	-	-	-	-
3211	Machining Centers, NC, N.E.C.	269	25134	29	2299	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	39	8451	4	1712	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	14	3364	4	1052	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	35	4720	2	53	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	47	6133	6	915	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	55	5903	4	259	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	221	6989	30	726	-	-	-	-
3228	Drilling Machines,NC	73	4181	13	1169	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	22	1109	1	4	-	-	-	-
3234	Drilling Machines, Radial, non-NC	236	1562	24	167	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	61	382	16	114	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	250	5797	34	556	-	-	-	-
3264	Milling Machines, NC	221	24876	35	6745	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	40	542	4	170	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2158	14506	216	1398	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	437	4484	51	543	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	2281	17972	191	1715	7	35	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	19	3915	4	1314	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	130	3805	7	686	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1276	1	412	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	134	5412	24	986	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	1483	78026	227	11799	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	519	44123	58	4266	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	37	4392	10	1152	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	2401	19022	208	1602	6	25	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	84	2675	6	239	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	113	2447	11	499	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	128	2051	24	359	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	110	6268	4	426	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	255	4853	24	417	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	324	19663	49	3015	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1395	20155	131	4097	-	-	1	4
3527	Gear Tooth Grinding & Finishing Machines	163	5340	17	1292	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	38	2830	10	709	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	922	12902	60	1553	-	-	3	60
3533	Honing & Lapping Machines	138	3694	27	530	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	68	5755	4	1020	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	614	5357	67	523	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	762	13536	148	3290	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	64	8463	17	1637	-	-	-	-
3554	External Grinding Machines, non-NC	218	8929	31	1976	-	-	-	-
3556	Internal Grinding Machines, non-NC	78	3180	7	872	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	128	3674	12	234	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	956	23918	99	5114	1	100	-	-
3562	Traveling Wire Electrical Discharge Machines	552	28989	98	5137	-	-	-	-
3564	All Other Electrical Discharge Machines	423	17230	56	3498	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	26	2685	1	56	-	-	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	94	3870	5	55	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	13	1393	-	-	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	1079	14852	182	2182	-	-	-	-
3578	Broaching Machines, non-NC	9	1625	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	810	20731	67	2357	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	7212	25256	671	5348	-	-	1	2
5000	Metal Cutting Machine Tools, Less Than $2500*	1039672	73703	126288	9782	822	561	-	-
	TOTAL CUTTING			129595	119419	836	721	5	65
	TOTAL CUTTING YTD	1069788	821256			2914	1972	53	408
674:	METAL FORMING								
1010	Die Casting Machines	182	7476	68	2476	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	470	4766	36	445	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	40188	5818	2949	523	42	1	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	387	41590	69	6459	-	-	-	-
3586	Shearing Machines, non-NC	569	10334	67	1465	1	32	3	20
3587	Punching & Combination Punching & Shearing Machines, non-NC	560	8198	85	829	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	135	5781	21	1152	1	70	-	-
3589	Press Brakes, non-NC	741	19307	116	3445	-	-	11	283
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	124	1922	5	159	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	790	15482	103	1859	-	-	2	87
3593	Metal Forming Machine Tools, NC, N.E.C.	153	9556	3	1599	-	-	-	-
3594	Mechanical Presses, non-NC	282	20561	15	762	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	55	1226	3	175	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	364	36611	73	7823	-	-	-	-
3597	Headers & Upsetters, non-NC	122	8897	19	1547	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	72	1795	9	251	1	5	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	1154	29956	155	4037	1	73	20	145
	TOTAL FORMING			3796	35009	46	181	36	535
	TOTAL FORMING YTD	46348	229311			104	1452	562	5292
	TOTAL ALL TYPES			133391	154428	882	902	41	600
	TOTAL ALL TYPES YTD	1116136	1050567			3018	3425	615	5700

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1984

674	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	1	29	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	1	128	-	-
3211	-	-	-	-	-	-	3	129	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	2	53	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	4	615	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	1	135	-	-	-	-
3228	-	-	-	-	-	-	-	-	1	355	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	3	19	-	-	1	16	-	-	-	-
3236	-	-	-	-	-	-	-	-	5	41	-	-	-	-
3242	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	15	10	47	-	-	-	-
3276	-	-	-	-	-	-	1	304	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	6	614	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	2	109	1	11	-	-	-	-	5	114	-	-	-	-
3507	-	-	-	-	-	-	-	-	1	64	-	-	-	-
3509	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	1	4	-	-	-	-	-	-	2	79	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	3	293	-	-	-	-
3518	-	-	-	-	-	-	1	7	-	-	-	-	-	-
3521	6	398	-	-	-	-	-	-	5	310	-	-	-	-
3522	4	60	-	-	-	-	5	29	5	262	-	-	-	-
3527	-	-	-	-	-	-	-	-	5	371	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	1	8	10	50	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	22	274	-	-	-	-
3543	-	-	6	67	2	120	1	3	4	40	-	-	1	3
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	-	-	11	405	-	-	-	-
3556	-	-	2	46	-	-	-	-	-	-	-	-	-	-
3558	-	-	-	-	-	-	-	-	1	31	-	-	-	-
3559	-	-	5	45	-	-	5	318	28	534	7	98	-	-
3562	-	-	-	-	-	-	1	91	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	2	30	21	128	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	1	3	-	-	-	-	11	419	-	-	3	12
4000	1	4	5	48	-	-	9	22	18	52	2	6	-	-
5000	2	1	126	78	-	-	322	99	897	261	269	260	20	38
CUT MO.	16	575	146	297	6	167	354	1108	1077	5508	279	492	24	53
CUT YTD	66	969	739	2332	48	1048	1760	7317	8176	33069	1089	5690	75	468
1010	-	-	-	-	-	-	-	-	37	233	-	-	-	-
3582	-	-	-	-	-	-	1	5	-	-	-	-	-	-
3583	-	-	-	-	-	-	4	3	146	39	1	a/	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	-	-	-	-	5	80	7	51	9	90	-	-
3587	-	-	-	-	-	-	-	-	1	8	-	-	-	-
3588	-	-	2	85	-	-	-	-	1	72	-	-	-	-
3589	-	-	13	293	-	-	6	131	-	-	10	218	-	-
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	1	14	-	-	-	-	19	406	1	24	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	12	614	1	6	-	-	-	-
3597	-	-	-	-	-	-	-	-	8	529	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	1	13
3599	-	-	-	-	-	-	4	124	13	245	2	136	-	-
FRM MO.	-	-	16	392	-	-	32	957	233	1590	23	468	1	13
FRM YTD	-	-	85	1926	1	1	845	4291	2889	8699	163	2556	6	189
TOT MO.	16	575	162	689	6	167	386	2065	1310	7097	302	960	25	66
TOT YTD	66	969	824	4258	49	1049	2605	11608	11065	41768	1252	8246	81	657

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1984

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	2	71	-	-	4	334
3035	-	-	-	-	-	-	-	-	-	-	-	-	3	308
3045	-	-	-	-	-	-	-	-	-	-	1	11	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	1	66
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	1	66
3211	-	-	-	-	-	-	-	-	2	465	1	109	3	182
3212	-	-	-	-	-	-	-	-	2	175	-	-	2	1538
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	1	231	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	1	53	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	-	-	1	55	1	243
3228	-	-	-	-	-	-	-	-	-	-	-	-	1	35
3229	-	-	-	-	1	4	-	-	-	-	-	-	-	-
3234	-	-	4	24	-	-	-	-	-	-	-	-	-	-
3236	-	-	4	24	-	-	2	8	-	-	-	-	3	31
3242	-	-	-	-	3	9	-	-	-	-	1	6	2	93
3264	-	-	-	-	1	138	1	65	3	369	14	329	5	5390
3266	-	-	-	-	-	-	-	-	-	-	-	-	1	31
3267	-	-	-	-	44	163	-	-	-	-	3	152	-	-
3268	-	-	-	-	-	-	8	132	-	-	-	-	-	-
3269	-	-	-	-	11	87	1	23	-	-	4	65	18	731
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	2	241	-	-	-	-	6	140	2	85
3507	-	-	-	-	-	-	-	-	-	-	5	194	1	76
3509	-	-	-	-	-	-	-	-	-	-	-	-	2	93
3511	-	-	-	-	-	-	-	-	2	318	-	-	1	299
3512	-	-	-	-	1	16	-	-	-	-	50	705	1	39
3513	-	-	-	-	-	-	-	-	3	90	2	122	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	2	140
3515	-	-	-	-	-	-	-	-	-	-	14	110	1	47
3516	-	-	-	-	-	-	-	-	-	-	-	-	1	133
3518	-	-	-	-	-	-	-	-	4	19	3	147	1	88
3521	-	-	-	-	-	-	1	92	-	-	1	69	5	200
3522	7	36	-	-	3	129	3	9	3	109	42	378	10	1502
3527	-	-	-	-	-	-	-	-	1	9	2	85	6	705
3528	-	-	-	-	-	-	-	-	1	170	3	71	-	-
3529	-	-	-	-	-	-	-	-	6	151	11	161	17	1033
3533	-	-	-	-	-	-	-	-	-	-	15	150	10	282
3539	-	-	-	-	-	-	-	-	-	-	-	-	3	921
3541	-	-	-	-	-	-	-	-	-	-	-	-	1	31
3543	-	-	-	-	3	40	-	-	3	417	5	433	5	104
3546	-	-	-	-	-	-	1	334	2	162	-	-	10	904
3554	-	-	-	-	1	15	-	-	4	424	2	227	6	654
3556	-	-	-	-	-	-	-	-	1	40	-	-	-	-
3558	-	-	-	-	-	-	-	-	3	49	-	-	6	62
3559	-	-	-	-	1	30	5	140	8	360	14	502	12	2678
3562	-	-	-	-	-	-	-	-	33	1993	3	64	-	-
3564	-	-	-	-	-	-	-	-	-	-	1	176	5	1502
3567	-	-	-	-	-	-	-	-	-	-	-	-	1	56
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	-	-	10	350	17	106	56	628
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	6	16	1	4	16	805	6	48	6	327
4000	4	18	-	-	27	82	1	1	8	203	265	1498	41	780
5000	-	-	35	52	88	104	180	127	30957	840	424	325	2134	399
CUT MO.	11	54	43	99	193	1304	204	935	31075	7642	916	6437	2391	22814
CUT YTD	87	482	197	497	2164	10730	6396	8171	35249	51306	8043	46099	11829	105524
1010	-	-	-	-	-	-	-	-	3	250	1	7	2	407
3582	3	15	-	-	-	-	-	-	9	178	11	51	6	70
3583	-	-	-	-	521	4	17	8	44	25	89	54	730	63
3584	-	-	-	-	-	-	-	-	9	849	1	56	2	448
3586	-	-	-	-	2	162	-	-	-	-	1	17	1	36
3587	-	-	-	-	7	57	2	15	3	63	2	12	49	434
3588	-	-	-	-	-	-	-	-	-	-	1	329	13	359
3589	-	-	5	653	1	7	-	-	2	93	1	11	-	-
3591	-	-	-	-	-	-	3	92	-	-	-	-	2	67
3592	-	-	-	-	-	-	2	8	1	28	11	136	17	498
3593	-	-	-	-	-	-	-	-	-	-	-	-	2	1539
3594	-	-	-	-	-	-	-	-	-	-	-	-	1	429
3595	-	-	-	-	-	-	-	-	-	-	2	34	1	140
3596	-	-	-	-	-	-	-	-	4	129	4	483	30	543
3597	-	-	-	-	-	-	-	-	-	-	-	-	4	787
3598	-	-	-	-	-	-	-	-	-	-	3	24	3	123
3599	-	-	-	-	6	120	2	13	1	15	8	213	38	1336
FRM MO.	3	15	5	653	537	351	26	135	76	1630	135	1427	901	7277
FRM YTD	3	15	50	1114	744	1655	2453	5757	1388	9094	1623	11465	7033	48696
TOT MO.	14	69	48	752	730	1655	230	1070	31151	9271	1051	7863	3292	30091
TOT YTD	90	497	247	1611	2908	12385	8849	13928	36637	60401	9666	57564	18862	154220

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1984

	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	196	13682	4	206	-	-	-	-
3206	-	-	-	-	-	-	6	555	11	623	-	-	-	-
3209	-	-	-	-	-	-	43	5295	-	-	-	-	-	-
3211	-	-	-	-	-	-	17	1287	3	127	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	3	821	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	1	247	-	-	-	-	-	-
3222	-	-	-	-	-	-	4	259	-	-	-	-	-	-
3223	-	-	-	-	-	-	5	223	22	71	-	-	-	-
3228	-	-	-	-	-	-	11	779	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	11	72	4	17	-	-	1	20
3236	-	-	1	7	-	-	-	-	1	3	-	-	-	-
3242	-	-	2	9	-	-	10	353	14	45	-	-	2	41
3264	-	-	-	-	-	-	9	415	2	40	-	-	-	-
3266	-	-	-	-	-	-	3	139	-	-	-	-	-	-
3267	-	-	8	227	-	-	14	273	147	583	-	-	-	-
3268	-	-	-	-	-	-	7	304	36	107	-	-	-	-
3269	-	-	-	-	-	-	12	173	126	516	-	-	1	23
3276	-	-	-	-	-	-	3	1010	-	-	-	-	-	-
3277	-	-	-	-	-	-	1	72	-	-	-	-	-	-
3281	-	-	-	-	-	-	1	412	-	-	-	-	-	-
3283	-	-	3	49	-	-	2	193	-	-	-	-	1	44
3507	-	-	-	-	-	-	217	11367	3	99	-	-	-	-
3509	-	-	-	-	-	-	52	3968	1	50	-	-	3	155
3511	-	-	-	-	-	-	7	535	-	-	-	-	-	-
3512	-	-	2	61	-	-	2	31	105	437	-	-	38	205
3513	-	-	-	-	-	-	1	26	-	-	-	-	-	-
3514	-	-	-	-	-	-	9	359	-	-	-	-	-	-
3515	-	-	-	-	-	-	9	202	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	2	69	13	86	-	-	-	-
3521	-	-	-	-	-	-	29	1852	2	95	-	-	-	-
3522	-	-	-	-	-	-	8	1000	28	113	-	-	12	468
3527	-	-	2	56	-	-	-	-	-	-	-	-	1	66
3528	-	-	-	-	-	-	6	468	-	-	-	-	-	-
3529	-	-	-	-	-	-	3	55	9	36	-	-	-	-
3533	-	-	-	-	-	-	2	97	-	-	-	-	-	-
3539	-	-	-	-	-	-	1	99	-	-	-	-	-	-
3541	-	-	-	-	-	-	42	207	2	12	-	-	-	-
3543	-	-	6	39	-	-	60	1301	35	217	-	-	17	507
3546	-	-	-	-	-	-	2	131	-	-	-	-	2	107
3554	-	-	-	-	-	-	4	182	-	-	-	-	3	71
3556	-	-	-	-	-	-	4	786	-	-	-	-	-	-
3558	-	-	-	-	-	-	2	92	-	-	-	-	-	-
3559	-	-	4	94	-	-	4	187	5	29	-	-	-	-
3562	-	-	-	-	-	-	61	2990	-	-	-	-	-	-
3564	-	-	-	-	-	-	49	1774	-	-	-	-	3	47
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	5	55	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	4	22	-	-	35	509	28	107	-	-	9	302
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	3	81	-	-	14	643	-	-	-	-	-	-
4000	-	-	15	190	-	-	16	463	210	438	-	-	48	1542
5000	21	41	220	66	-	-	9396	1211	73655	5017	3	2	6717	300
CUT MO.	21	41	270	903	-	-	10401	57222	74466	9071	3	2	6858	3898
CUT YTD	1353	5056	3922	13150	86	92	118672	426001	841351	76934	91	273	25428	23552
1010	-	-	14	368	-	-	11	1211	-	-	-	-	-	-
3582	-	-	-	-	-	-	6	125	-	-	-	-	-	-
3583	-	-	110	20	-	-	627	62	532	196	-	-	86	50
3584	-	-	1	420	-	-	56	4687	-	-	-	-	-	-
3586	-	-	12	283	-	-	21	653	-	-	-	-	5	41
3587	-	-	2	64	-	-	7	117	10	26	-	-	2	34
3588	-	-	1	145	-	-	2	92	-	-	-	-	-	-
3589	-	-	25	565	-	-	37	1145	-	-	-	-	5	45
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	26	386	-	-	21	261	2	11	-	-	-	-
3593	-	-	-	-	-	-	1	61	-	-	-	-	-	-
3594	-	-	12	286	-	-	-	-	-	-	2	47	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	22	6049	-	-	-	-	-	-
3597	-	-	-	-	-	-	7	231	-	-	-	-	-	-
3598	-	-	1	85	-	-	-	-	-	-	-	-	-	-
3599	-	-	19	853	-	-	28	655	1	11	-	-	12	98
FRM MO.	-	-	223	3474	-	-	846	15349	545	244	2	47	110	268
FRM YTD	-	-	1334	17817	4	2	12017	104596	8486	1380	289	135	6269	3142
TOT MO.	21	41	493	4376	-	-	11247	72571	75011	9315	5	49	6968	4166
TOT YTD	1353	5056	5256	30967	90	94	130689	530597	849837	78313	380	409	31697	26694

SEPTEMBER 1984 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING		METAL FORMING		TOTAL	
EUROPE	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
FINLAND	76	84	-	-	76	84
GREECE	-	-	-	-	-	-
HUNGARY	1	20	1	37	2	57
ICELAND	-	-	-	-	-	-
IRELAND	8	1427	-	-	8	1427
ROMANIA	-	-	-	-	-	-
USSR	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	85	1531	1	37	86	1568
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	5773	146	27	48	5800	194
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	5773	146	27	48	5800	194
OTHER S. AMER						
ARGENTINA	2	260	1	10	3	270
BOLIVIA	-	-	-	-	-	-
BRAZIL	429	201	-	-	429	201
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	431	461	1	10	432	472
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	35	118	-	-	35	118
GAZA STRIP	-	-	-	-	-	-
HONG KONG	386	13	-	-	386	13
INDONESIA	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	7	294	69	52	76	346
JORDAN	-	-	-	-	-	-
KOREAN REP.	109	533	-	-	109	533
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
SINGAPORE	28	648	12	120	40	768
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	565	1606	81	172	646	1778

	METAL CUTTING		METAL FORMING		TOTAL	
OTHER OCEANIA	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	2	46	-	-	2	46
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	2	46	-	-	2	46
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	2	107	-	-	2	107
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	2	107	-	-	2	107

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1984

RELEASED: December 5, 1984

		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
		UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	14	1967	1	193	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	28	7514	5	1260	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	33	2560	5	533	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	1	65	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	29	7134	3	580	-	-	-	-
3211	Machining Centers, NC, N.E.C.	29	3239	3	180	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	5	2197	2	1040	-	-	-	-
3225	Way Type Machines (Unit Heads)	5	833	2	408	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	1035	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	7	1630	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	10	2511	1	16	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	10	865	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	78	1522	7	127	-	-	-	-
3254	Drilling Machines, NC	2	855	-	-	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	26	3658	12	2118	-	-	-	-
3256	Drilling Machines, Radial, non-NC	8	173	1	14	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	6	36	3	26	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	122	2892	14	335	-	-	-	-
3264	Milling Machines, NC	41	10277	1	60	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	15	195	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	4	100	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	3	308	1	67	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	81	2713	13	445	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	5	1187	1	401	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	38	2207	8	466	-	-	-	-
3281	Boring Machines, NC, N.E.C.	3	151	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	41	1694	3	331	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	55	4454	3	206	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	7	809	-	-	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	8	1867	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	100	2290	5	72	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	11	2750	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	9	1719	3	733	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	9	335	4	108	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	31	3170	4	619	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	160	2337	20	316	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	7	1733	1	30	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	191	6051	53	998	-	-	1	37
3528	Grinding, Polishing, Honing & Lapping Machines, NC	50	5503	3	240	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	18	2560	2	380	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	88	1815	10	536	-	-	-	-
3532	Honing & Lapping Machines, non-NC	95	1241	4	19	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	39	1178	3	69	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	81	4639	7	408	-	-	-	-
3541	External Grinding Machines, non-NC	22	3340	2	170	-	-	-	-
3542	Internal Grinding Machines, non-NC	11	1554	3	131	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	78	6908	16	958	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	156	5489	15	288	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	20	791	-	-	-	-	-	-
3549	All Other Electrical Discharge Machines	49	1971	4	122	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	1	82	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	101	2091	8	470	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	35	2585	-	-	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	370	7950	41	621	3	31	-	-
3566	Broaching Machines, non-NC	12	1055	2	353	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	298	14225	10	121	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1963	19909	324	2729	-	-	3	720
5000	Metal Cutting Machine Tools, Less Than $2500*	29169	6953	2551	704	-	-	-	-
	TOTAL CUTTING			3184	19967	3	31	4	757
	TOTAL CUTTING YTD	33894	178926			5	121	434	2913
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	8072	-	671	-	2	-	-
3568	Metal Forming Machine Tools, Used or Rebuilt	401	7803	35	653	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	2940	1928	441	239	-	-	-	-
3571	Punching & Shearing Machines, incl. Combination, NC	37	5227	-	-	-	-	-	-
3573	Shearing Machines, non-NC	42	852	5	237	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	366	11080	24	530	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	76	3473	5	248	-	-	-	-
3582	Press Brakes, non-NC	16	575	-	-	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	13	395	2	47	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	318	10180	29	830	-	-	-	-
3588	Mechanical Presses, non-NC	185	13496	20	1103	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	15	2478	-	-	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	274	9626	16	510	-	-	-	-
3594	Headers & Upsetters, non-NC	33	5252	3	523	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	79	3649	14	680	-	-	1	326
3598	Metal Forming Machine Tools, non-NC, N.E.C.	580	35740	51	6410	-	-	-	-
	TOTAL FORMING			645	12684	-	2	1	326
	TOTAL FORMING YTD	5375	119857			-	25	52	969
	TOTAL ALL TYPES			3829	32651	3	33	5	1083
	TOTAL ALL TYPES YTD	39269	298783			5	146	486	3883

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding. 4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1984

	DENMARK		FINLAND		FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	5	480	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	1	29	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	1	150	1	97	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	1	229	-	-
3518	-	-	-	-	-	-	-	-	-	-	3	9	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	1	164	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	1	267	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	2	89	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	1	11
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	7	867	-	-	-	-	-	-	-	-
5000	-	-	1	1	-	-	-	-	-	-	-	-	126	8
CUT MO.	-	-	1	1	7	867	-	-	2	314	14	1199	127	19
CUT YTD	21	283	15	113	449	3267	19	155	80	2712	394	5355	652	570
1011	-	19	-	1	-	4	-	-	-	-	-	-	-	-
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	-	-	5	2	-	-	-	-	-	-	1	1
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	1	28	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	1	142	-	-	-	-	-	-	3	121
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	1	9	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	2	14	-	-	4	542	-	-	-	-	-	-	-	-
FRM MO.	2	33	-	-	10	690	-	-	-	-	2	37	4	122
FRM YTD	43	427	-	87	125	3177	-	-	13	576	29	766	26	898
TOT MO.	2	33	1	1	17	1556	-	-	2	314	16	1236	131	140
TOT YTD	64	710	15	201	574	6445	19	155	93	3288	423	6120	678	1467